



BUILDING CODE COMPLIANCE OFFICE (BCCO)
PRODUCT CONTROL DIVISION

MIAMI-DADE COUNTY, FLORIDA
METRO-DADE FLAGLER BUILDING
140 WEST FLAGLER STREET, SUITE 1603
MIAMI, FLORIDA 33130-1563
(305) 375-2901 FAX (305) 375-2908

NOTICE OF ACCEPTANCE (NOA)

PGT Industries
1070 Technology Drive
Nokomis, FL 34275

SCOPE:

This NOA is being issued under the applicable rules and regulations governing the use of construction materials. The documentation submitted has been reviewed by Miami-Dade County Product Control Division and accepted by the Board of Rules and Appeals (BORA) to be used in Miami Dade County and other areas where allowed by the Authority Having Jurisdiction (AHJ).

This NOA shall not be valid after the expiration date stated below. The Miami-Dade County Product Control Division (In Miami Dade County) and/or the AHJ (in areas other than Miami Dade County) reserve the right to have this product or material tested for quality assurance purposes. If this product or material fails to perform in the accepted manner, the manufacturer will incur the expense of such testing and the AHJ may immediately revoke, modify, or suspend the use of such product or material within their jurisdiction. BORA reserves the right to revoke this acceptance, if it is determined by Miami-Dade County Product Control Division that this product or material fails to meet the requirements of the applicable building code.

This product is approved as described herein, and has been designed to comply with the High Velocity Hurricane Zone of the Florida Building Code.

DESCRIPTION: Series "SH-701" Aluminum Single Hung Window Impact and Non-Impact

APPROVAL DOCUMENT: Drawing No. 4032, titled "Aluminum Single Hung Window", sheets 1 through 8, prepared, signed and sealed by Robert L. Clark, P.E., dated 4/17/02, bearing the Miami-Dade County Product Control Revision stamp with the Notice of Acceptance number and expiration date by the Miami-Dade County Product Control Division.

MISSILE IMPACT RATING: Large and Small Missile Impact and Non-Impact

LABELING: Each unit shall bear a permanent label with the manufacturer's name or logo, city, state and following statement: "Miami-Dade County Product Control Approved", unless otherwise noted herein.

RENEWAL of this NOA shall be considered after a renewal application has been filed and there has been no change in the applicable building code negatively affecting the performance of this product.

TERMINATION of this NOA will occur after the expiration date or if there has been a revision or change in the materials, use, and/or manufacture of the product or process. Misuse of this NOA as an endorsement of any product, for sales, advertising or any other purposes shall automatically terminate this NOA. Failure to comply with any section of this NOA shall be cause for termination and removal of NOA.

ADVERTISEMENT: The NOA number preceded by the words Miami-Dade County, Florida, and followed by the expiration date may be displayed in advertising literature. If any portion of the NOA is displayed, then it shall be done in its entirety.

INSPECTION: A copy of this entire NOA shall be provided to the user by the manufacturer or its distributors and shall be available for inspection at the job site at the request of the Building Official.

This NOA **revises** NOA # **01-0109.01** and, consists of this page 1 as well as approval document mentioned above. The submitted documentation was reviewed by **Raul Rodriguez**.



NOA No 02-0419.13
Expiration Date: February 25, 2006
Approval Date: May 23, 2002
Page 1

ITEM	DESCRIPTION	V.T. #	VENDOR	VENDOR #
1	FLANGED FRAME HEAD	612225	ALUMAX EXTRUSIONS	AF-12225
2	FLANGED FRAME SILL	612226	ALUMAX EXTRUSIONS	AF-12226
3	FLANGED FRAME JAMB	612227	ALUMAX EXTRUSIONS	AF-12227
4	FIXED MEETING RAIL	612228	ALUMAX EXTRUSIONS	AF-12228
5	SASH TOP RAIL	612229	ALUMAX EXTRUSIONS	AF-12229
6	SASH BOTTOM RAIL	612230	ALUMAX EXTRUSIONS	AF-12230
7	SASH SIDE RAIL	612231	ALUMAX EXTRUSIONS	AF-12231
8	GLAZING BEAD	612234	ALUMAX EXTRUSIONS	AF-12234
9	WEATHERSTRIP - VINYL BULB	6TP247K	TEAM PLASTICS	TP-247
10	3/16" ANNEALED GLASS		PPG. LOF	
11	3/16" ANN. GLASS W/DUPONT 457 FILM		LAM. BY ROMAG. VERICOM	
12	1/4" TEMPERED GLASS		PPG. LOF	
13	#6 x .750 PHIL. PN. HD.	7658PFAA	AQUA FASTENERS	
14	SWEEP LATCH		MINIATURE DIE CASTING	PGT.214.XX
15	#8 x .625 PHIL FLT. HD.	7858WW	MERCHANTS FASTENER CORP.	
16	WINDLOAD ADAPTER	612236	ALUMAX EXTRUSIONS	AF-12236
17	#8 x .375 PHIL. P.H. TEK	78X38PPT	MERCHANTS FASTENER CORP.	
18	WEATHERSTRIP - VINYL BULB\SASH	6TP249K	TEAM PLASTICS	TP-249
19	SASH TOP GUIDE		MASTER TOOL	7-M10-344
20	SCREEN		VINYL TECH.\PGT	
21	BALANCE COVER		WYBORG	5TAVE
22	BALANCE		CALDWELL MANUFACTURING INC.	
23	WEATHERSTRIP - PILE\FINSEAL	61062W	SCHLEGEL CORP.	FS7826-187
24	SASH FACE GUIDE	70251	MASTER TOOL	7-M10-251
25	#6 x .500 PHIL. FLT. HD.	76X12FPAW	SCHERER INDUST. PRODUCTS	
26	SASH STOP	612244	ALUMAX EXTRUSIONS	AF-12244
27	#8 x 1.000 PHIL. P.H. SMS	78X1PPA	MERCHANTS FASTENER CORP.	
28	SILICON	62899	DOW CORNING	899
29	WEATHERSTRIP - VINYL BULB\SASH	6TP248K	TEAM PLASTICS	TP-248

NON-IMPACT WINDOWS

- 1.) GLAZING OPTIONS:

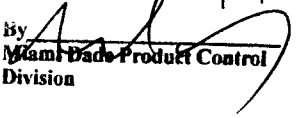
A. 3/16" ANNEALED

A. 3/16" HEAT STRENGTHENED OR TEMPERED
- 2.) CONFIGURATIONS: OX
- 3.) DESIGN PRESSURE RATING:

SEE COMPARATIVE ANALYSIS TABLES ON SHEET 5
- 4.) ANCHORS:

SEE COMPARATIVE ANALYSIS TABLES ON SHEET 5
- 5.) SHUTTER REQUIREMENT:

SHUTTERS ARE REQUIRED AT ALL INSTALLATIONS
- 6.) REFERENCE TEST REPORT: FTL 1536

PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No 62-0419-13
Expiration Date February 25, 2006
by 
Miami Dade Product Control
Division

NON-IMPACT WINDOWS

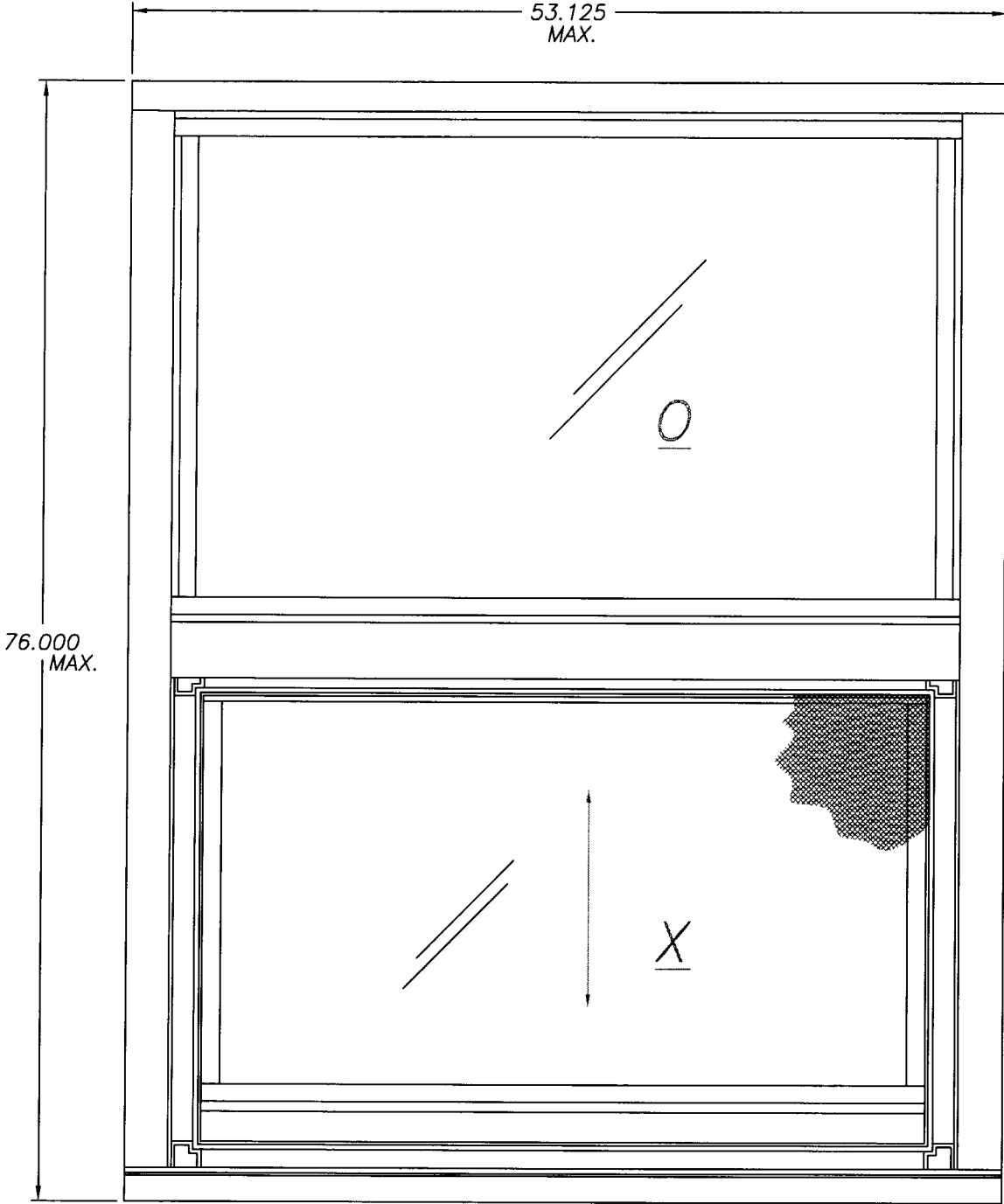
- 1.) GLAZING: 1/4" TEMPERED
- 2.) CONFIGURATIONS: OX
- 3.) DESIGN PRESSURE RATING:



SEE COMPARATIVE ANALYSIS TABLES ON SHEET 8
- 4.) ANCHORS:

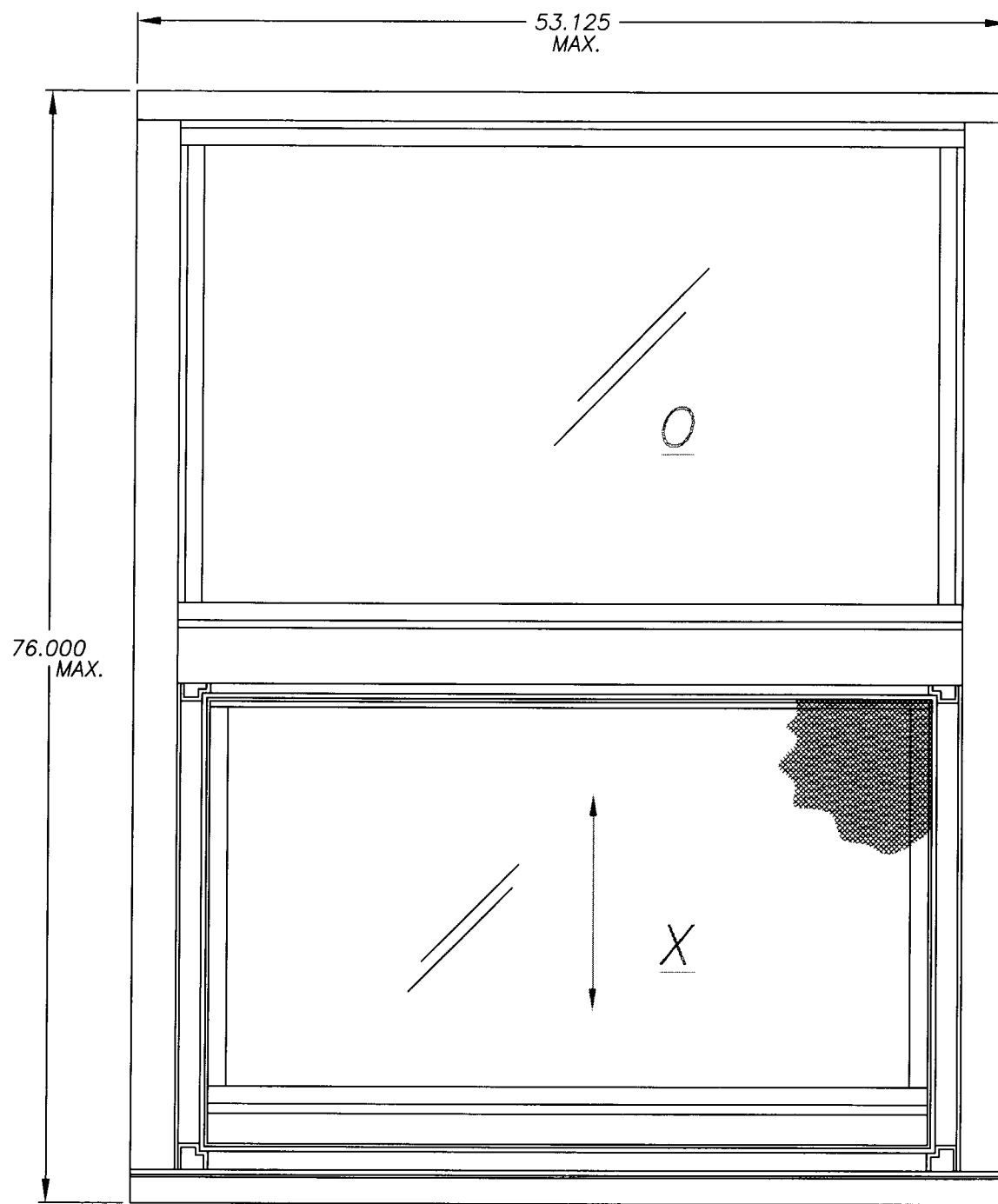
SEE COMPARATIVE ANALYSIS TABLES ON SHEET 8
- 5.) SHUTTER REQUIREMENT:

SHUTTERS ARE REQUIRED AT ALL INSTALLATIONS
- 6.) REFERENCE TEST REPORT: FTL 1533

ELEVATION



		Revsd By: FK	Date: 4/16/02	Revisions: ADD SENTRY GLASS C.A	
		Revsd By: FK	Date: 1/4/01	Revisions:	
		Drawn By: R.S.	Date: 11/27/96		
		Description: ELEVATION, NON-IMPACT			
1070 TECHNOLOGY DRIVE NOKOMIS, FL 34275 P.O. BOX 1529 NOKOMIS, FL 34274		Title: ALUMINUM SINGLE HUNG WINDOW			
Series/Model: SH-701		Scale: NTS	Sheet: 1 of 8	Drawing No. 4032	Rev: D




ELEVATION


LARGE MISSILE IMPACT WINDOWS

- 1.) GLAZING OPTIONS:
 - A. 3/16" ANNEALED W/ DUPONT 457 SENTRY GLASS
 - B. 3/16" HEAT STRENGTHENED W/ DUPONT 457 SENTRY GLASS
- 2.) CONFIGURATIONS: OX
- 3.) DESIGN PRESSURE RATING: SEE TABLE
- 4.) ANCHORS:
 - MAX. 6" FROM EACH CORNER
 - MAX. SPACING AT HEAD & SILL: 11.000
 - MAX. SPACING AT JAMBS: 16.000 (8" IN MEETING RAIL AREA)
- 5.) SHUTTER REQUIREMENT:
 - NO SHUTTERS REQUIRED
- 6.) REFERENCE TEST REPORT: FTL 1531

DESIGN PRESSURE RATING FOR GLASS TYPE B - 3/16" H.S. W/ SENTRY GLASS								
ALL SIZES TO 53.125 WIDE x 76.000 HIGH							NEG	POS
							-60.0	60.0
COMPARATIVE ANALYSIS FOR: GLASS TYPE A - 3/16" A W/ SENTRY GLASS								
WINDOW WIDTH	WINDOW HEIGHT							
	38.375		50.625		63.000		76.000	
	NEG	POS	NEG	POS	NEG	POS	NEG	POS
37.000	-60.0	60.0	-60.0	60.0	-60.0	60.0	-60.0	60.0
40.000	-60.0	60.0	-60.0	60.0	-60.0	60.0	-56.7	56.7
44.000	-60.0	60.0	-60.0	60.0	-58.2	58.2	-51.7	51.7
48.000	-60.0	60.0	-60.0	60.0	-53.0	53.0	-47.3	47.3
53.125	-60.0	60.0	-58.2	58.2	-47.2	47.2	-42.6	42.6



Robert L. Clark, P.E.
PE #39712
Structural



1070 TECHNOLOGY DRIVE
NOKOMIS, FL 34275

P.O. BOX 1529
NOKOMIS, FL 34274

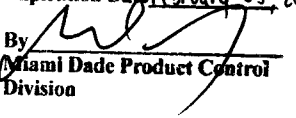
Revsd By: FK	Date: 4/16/02	Revisions: ADD SENTRY GLASS C.A.
Revsd By: FK	Date: 1/4/01	Revisions:
Drawn By: R.S.	Date: 11/27/96	

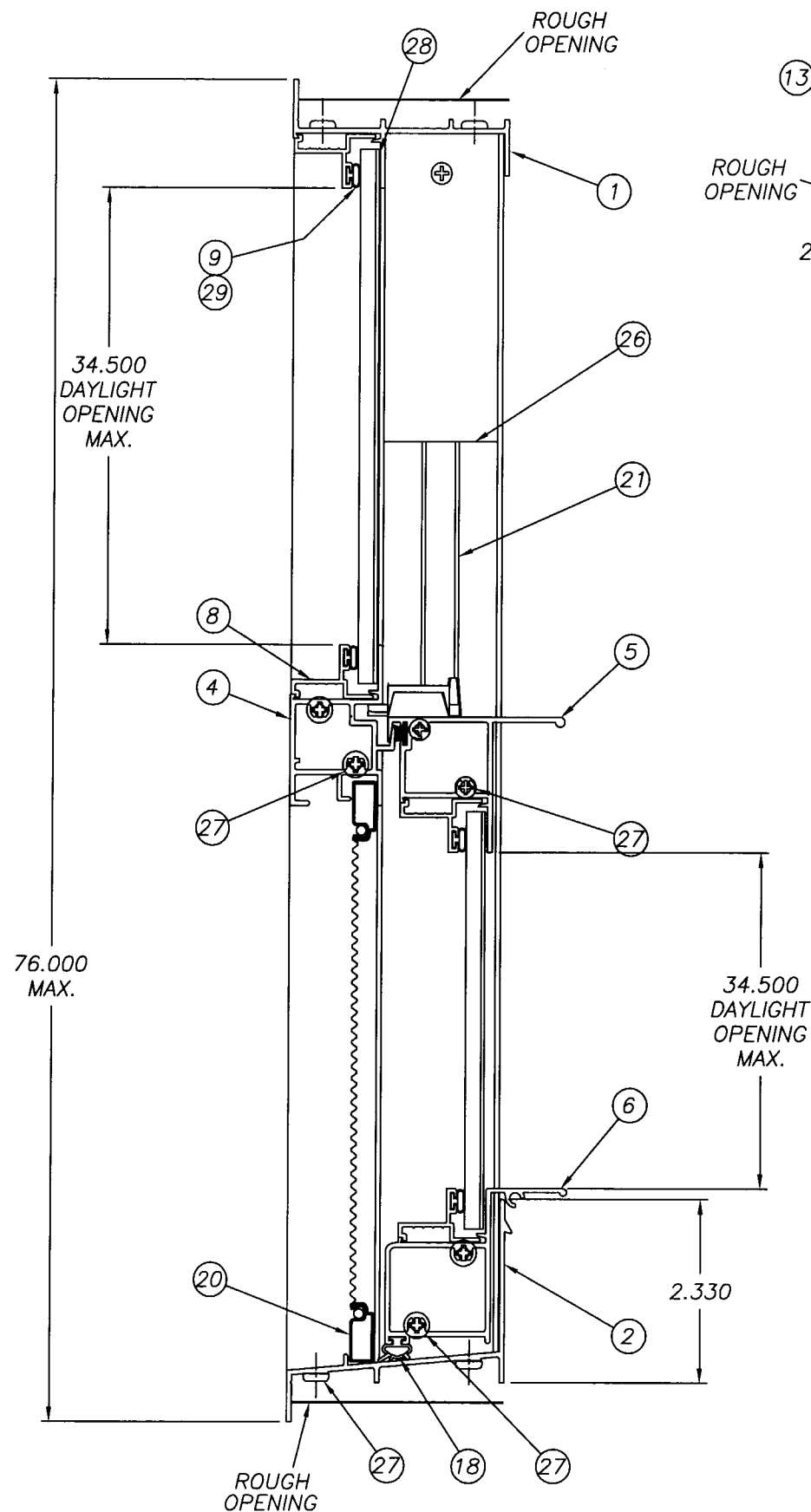
Description:
ELEVATION, IMPACT

Title:
ALUMINUM SINGLE HUNG WINDOW

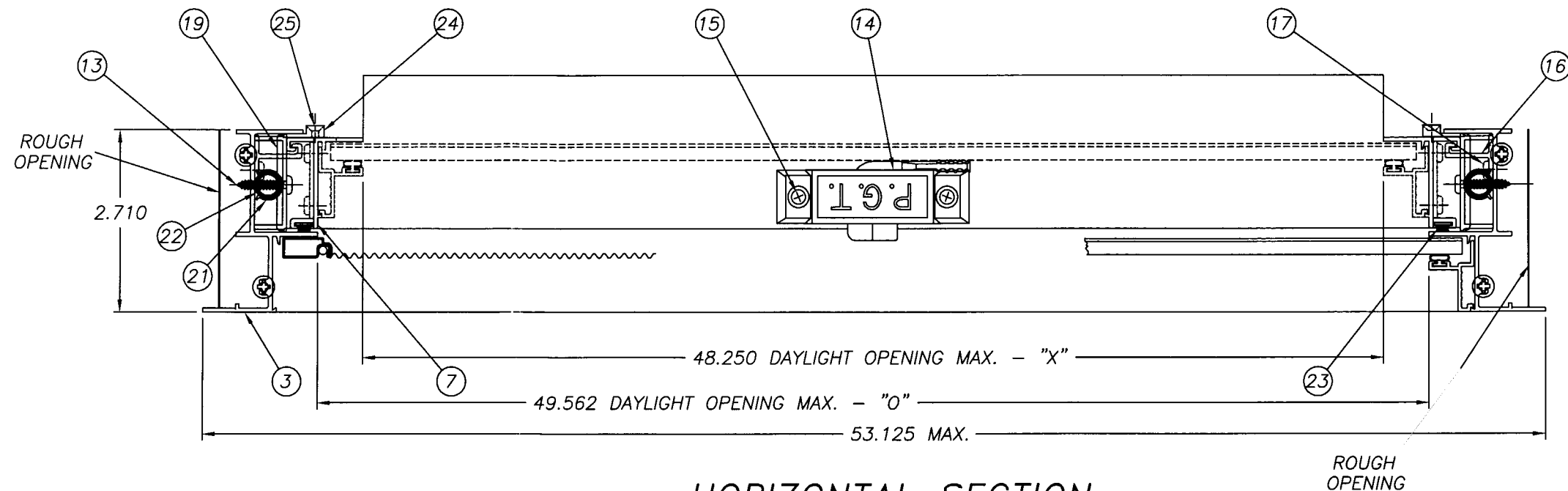
Series/Model: SH-701	Scale: NTS	Sheet: 2 of 8	Drawing No. 4032	Rev: D
-------------------------	---------------	------------------	---------------------	-----------

PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No. 02-3419-13
Expiration Date February 25, 2006

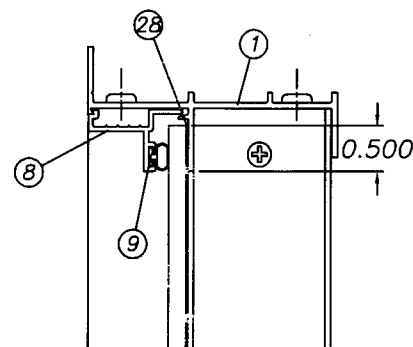
By 
Miami Dade Product Control
Division



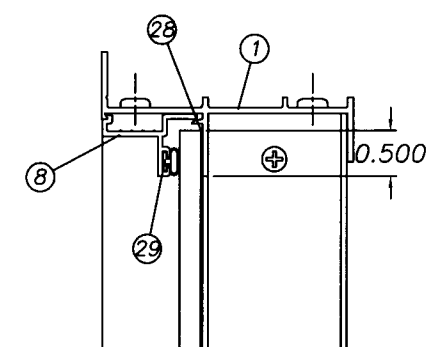
VERTICAL SECTION



HORIZONTAL SECTION



3/16" ANNEALED GLASS
3/16" HEAT STRENGTHED OR TEMPERED



3/16" ANNEALED W/DUPONT FILM - (457) INTERIOR SIDE
3/16" HEAT STRENGTHENED W/DUPONT FILM - (457) INTERIOR SIDE
1/4" TEMPERED GLASS

NOTES:

- 1) CORNER CONSTRUCTION:
 FRAME CORNERS ARE SEALED W/ WHITE SEALANT SCHNEE/MOREHEAD #5504
 FRAME HAS BUTT JOINTS. FRAME CORNERS AND FIXED MEETING RAIL ARE SECURED WITH (2) #8x1" PPH SMS
- 2) WEEP HOLES:
 (2) 1/2" WEEP NOTCHES AT ENDS OF SILL SCREEN RETAINERS

GLAZING OPTIONS

Handwritten signature and date: 4/17/02

PCT INDUSTRIES

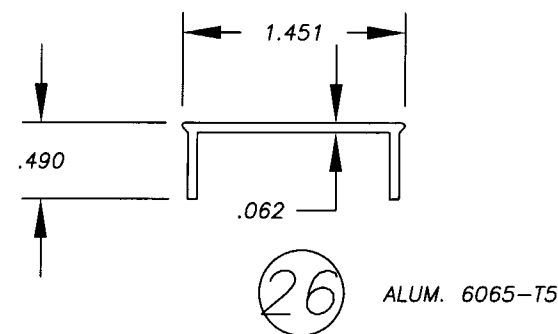
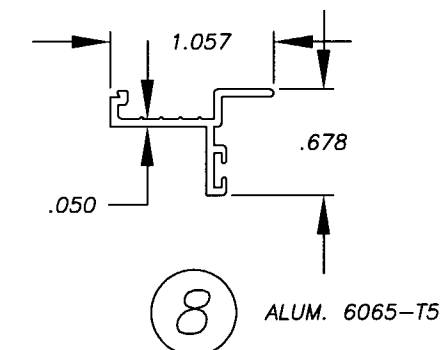
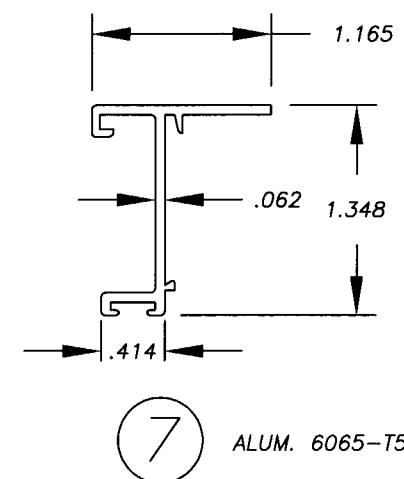
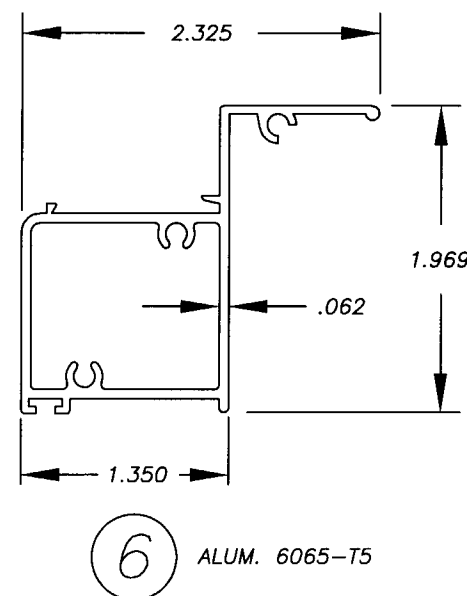
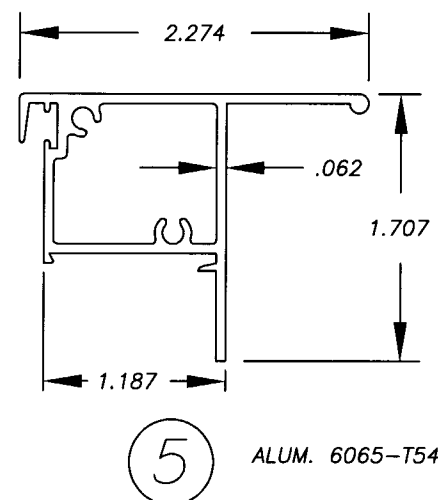
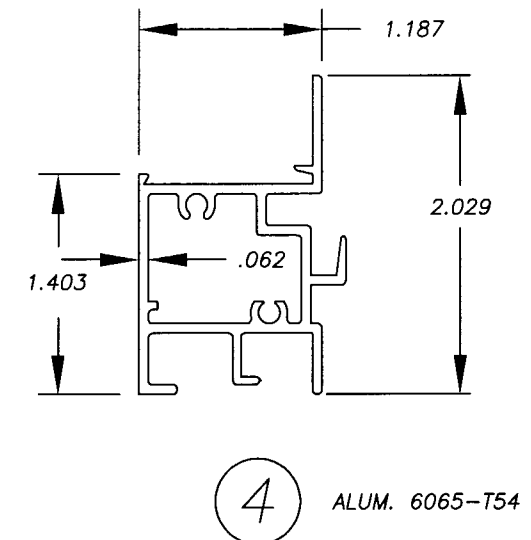
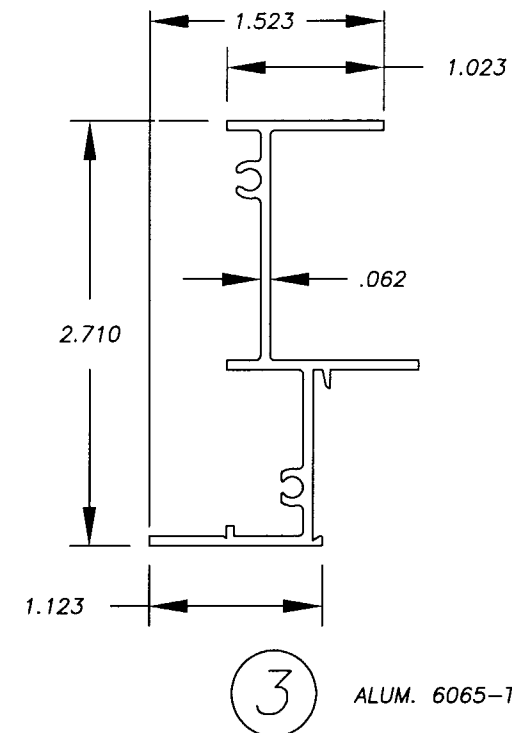
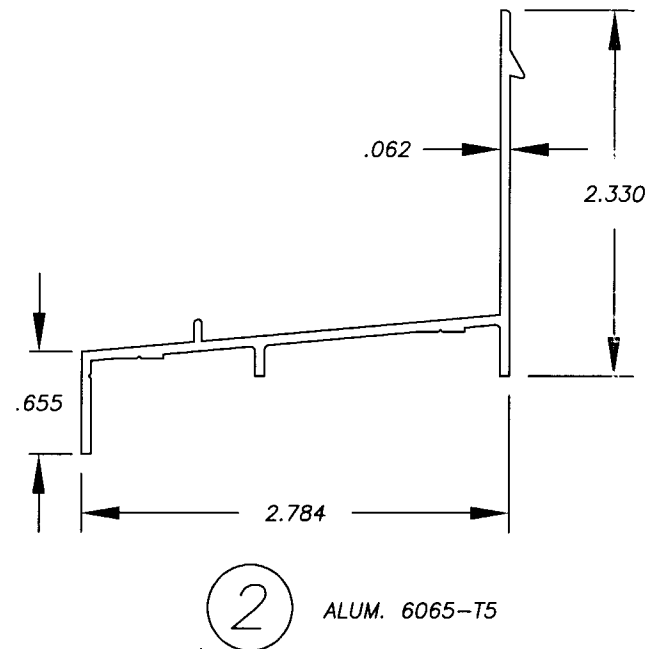
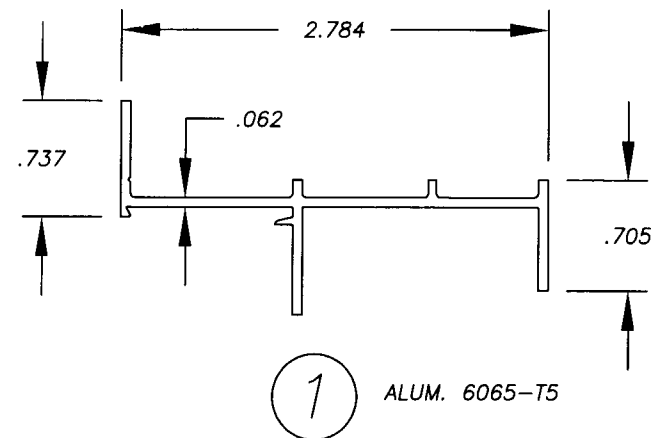
1070 TECHNOLOGY DRIVE
 NOKOMIS, FL 34275
 P.O. BOX 1529
 NOKOMIS, FL 34274

Revsd By: FK	Date: 4/16/02	Revisions: ADD GLASS OPTIONS
Revsd By: FK	Date: 1/4/01	Revisions:
Drawn By: R.S.	Date: 11/27/96	

Description:
SECTIONS & GLAZING OPTIONS
 Title:
ALUMINUM SINGLE HUNG WINDOW

Series/Model: SH-701	Scale: NTS	Sheet: 3 of 8	Drawing No. 4032	Rev: D
-------------------------	---------------	------------------	---------------------	-----------

PRODUCT REVISED
 as complying with the Florida
 Building Code
 Acceptance No. 02-0419.13
 Expiration Date February 25, 2006
 By: *Handwritten signature*
 Miami Dade Product Control
 Division



Handwritten signature and date: H/17/02



1070 TECHNOLOGY DRIVE
NOKOMIS, FL 34275
P.O. BOX 1529
NOKOMIS, FL 34274

Revsd By: FK	Date: 4/16/02	Revisions: ADD SENTRY GLASS C.A.
Revsd By: FK	Date: 1/4/01	Revisions:
Drawn By: R.S.	Date: 11/27/96	
Description: EXTRUSION PROFILES		
Title: ALUMINUM SINGLE HUNG WINDOW		
Series/Model: SH-701	Scale: NTS	Sheet: 4 of 8
Drawing No. 4032		Rev: D

PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No. 02-0919.13
Expiration Date February 23, 2006
By *[Signature]*
Miami Dade Product Control
Division

COMPARATIVE ANALYSIS FOR: GLASS: 3/16 ANNEALED FTL-1536 MAX. SIZE 53.125 x 76.000 Smallest Fasteners

NOTES: 1.) Numbers in () parentheses are quantity of anchors per side.
2.) Negative Design Loads based on Comparative Analysis and Glass Table ASTM E1300.
3.) Positive Design Loads based on Comparative Analysis and Water Test Pressure.
4.) Numbers are for #10 screws or 3/16" Tapcons.
5.) (2) Anchors 4" apart, 4" from each side of meeting rail are required. (Total of 4 anchors at each meeting rail)
Anchors 6" from each corner and as follows:
Max. spacing at head & sill = 14"
Max. spacing at jambs = 14"

Window Width	Window Height									
	26.000 (12)		38.375 (12)		50.625 (12)		63.000 (16)		76.000 (16)	
	neg	pos	neg	pos	neg	pos	neg	pos	neg	pos
19.125 (4)	-120.0	69.3	-120.0	69.3	-120.0	69.3	-103.3	69.3	-79.7	69.3
24.000 (4)	-120.0	69.3	-120.0	69.3	-120.0	69.3	-92.6	69.3	-69.4	69.3
26.500 (6)	-120.0	69.3	-120.0	69.3	-120.0	69.3	-89.6	69.3	-66.0	66.0
32.000 (6)	-120.0	69.3	-120.0	69.3	-98.7	69.3	-80.3	69.3	-61.5	61.5
37.000 (6)	-120.0	69.3	-120.0	69.3	-84.6	69.3	-69.4	69.3	-60.0	60.0
40.000 (8)	-120.0	69.3	-115.4	69.3	-79.2	69.3	-64.7	64.7	-56.7	56.7
44.000 (8)	-120.0	69.3	-107.6	69.3	-71.3	69.3	-58.2	58.2	-51.7	51.7
48.000 (8)	-120.0	69.3	-101.8	69.3	-63.7	63.7	-53.0	53.0	-47.3	47.3
53.125 (8)	-120.0	69.3	-93.2	69.3	-58.2	58.2	-47.2	47.2	-42.6	42.6

COMPARATIVE ANALYSIS FOR: GLASS: 3/16 HEAT STRENGTHENED OR TEMPERED FTL-1536 MAX. SIZE 53.125 x 76.000 Smallest Fasteners

NOTES: 1.) Numbers in () parentheses are quantity of anchors per side.
2.) Negative Design Loads based on Comparative Analysis and Glass Table ASTM E1300.
3.) Positive Design Loads based on Comparative Analysis and Water Test Pressure.
4.) Numbers are for #10 screws or 3/16" Tapcons.
5.) (2) Anchors 4" apart, 4" from each side of meeting rail are required. (Total of 4 anchors at each meeting rail)
Anchors 6" from each corner and as follows:
Max. spacing at head & sill = 14"
Max. spacing at jambs = 14"

Window Width	Window Height									
	26.000 (12)		38.375 (12)		50.625 (12)		63.000 (16)		76.000 (16)	
	neg	pos	neg	pos	neg	pos	neg	pos	neg	pos
37.000 (6)	-135.0	69.3	-135.0	69.3	-126.3	69.3	-87.3	69.3	-60.0	60.0
40.000 (8)	-135.0	69.3	-133.4	69.3	-112.4	69.3	-87.3	69.3	-60.0	60.0
44.000 (8)	-135.0	69.3	-117.9	69.3	-98.1	69.3	-87.3	69.3	-60.0	60.0
48.000 (8)	-135.0	69.3	-105.6	69.3	-87.0	69.3	-76.6	69.3	-60.0	60.0
53.125 (8)	-128.4	69.3	-93.2	69.3	-76.0	69.3	-66.1	66.1	-60.0	60.0

COMPARATIVE ANALYSIS FOR: GLASS: 3/16 ANNEALED FTL-1536 MAX. SIZE 53.125 x 76.000 Larger Fasteners

NOTES: 1.) Numbers in () parentheses are quantity of anchors per side.
2.) Negative Design Loads based on Comparative Analysis and Glass Table ASTM E1300.
3.) Positive Design Loads based on Comparative Analysis and Water Test Pressure.
4.) Numbers are for #12 screws or 1/4" Tapcons.
5.) (1) Anchors 4" on each side of meeting rail is required. (Total of 2 anchors at each meeting rail)
Anchors 6" from each corner and as follows:
Max. spacing at head & sill = 14"
Max. spacing at jambs = 14"

Window Width	Window Height									
	26.000 (8)		38.375 (8)		50.625 (8)		63.000 (8)		76.000 (12)	
	neg	pos	neg	pos	neg	pos	neg	pos	neg	pos
19.125 (4)	-120.0	69.3	-120.0	69.3	-120.0	69.3	-103.3	69.3	-79.7	69.3
24.000 (4)	-120.0	69.3	-120.0	69.3	-120.0	69.3	-92.6	69.3	-69.4	69.3
26.500 (6)	-120.0	69.3	-120.0	69.3	-120.0	69.3	-89.6	69.3	-66.0	66.0
32.000 (6)	-120.0	69.3	-120.0	69.3	-98.7	69.3	-80.3	69.3	-61.5	61.5
37.000 (6)	-120.0	69.3	-120.0	69.3	-84.6	69.3	-69.4	69.3	-60.0	60.0
40.000 (8)	-120.0	69.3	-115.4	69.3	-79.2	69.3	-64.7	64.7	-56.7	56.7
44.000 (8)	-120.0	69.3	-107.6	69.3	-71.3	69.3	-58.2	58.2	-51.7	51.7
48.000 (8)	-120.0	69.3	-101.8	69.3	-63.7	63.7	-53.0	53.0	-47.3	47.3
53.125 (8)	-120.0	69.3	-93.2	69.3	-58.2	58.2	-47.2	47.2	-42.6	42.6

COMPARATIVE ANALYSIS FOR: GLASS: 3/16 HEAT STRENGTHENED OR TEMPERED FTL-1536 MAX. SIZE 53.125 x 76.000 Larger Fasteners

NOTES: 1.) Numbers in () parentheses are quantity of anchors per side.
2.) Negative Design Loads based on Comparative Analysis and Glass Table ASTM E1300.
3.) Positive Design Loads based on Comparative Analysis and Water Test Pressure.
4.) Numbers are for #12 screws or 1/4" Tapcons.
5.) (1) Anchors 4" on each side of meeting rail is required. (Total of 2 anchors at each meeting rail)
Anchors 6" from each corner and as follows:
Max. spacing at head & sill = 14"
Max. spacing at jambs = 14"

Window Width	Window Height									
	26.000 (8)		38.375 (8)		50.625 (8)		63.000 (8)		76.000 (12)	
	neg	pos	neg	pos	neg	pos	neg	pos	neg	pos
37.000 (6)	-135.0	69.3	-135.0	69.3	-126.3	69.3	-87.3	69.3	-60.0	60.0
40.000 (8)	-135.0	69.3	-133.4	69.3	-112.4	69.3	-87.3	69.3	-60.0	60.0
44.000 (8)	-135.0	69.3	-117.9	69.3	-98.1	69.3	-87.3	69.3	-60.0	60.0
48.000 (8)	-135.0	69.3	-105.6	69.3	-87.0	69.3	-76.6	69.3	-60.0	60.0
53.125 (8)	-128.4	69.3	-93.2	69.3	-76.0	69.3	-66.1	66.1	-60.0	60.0

REFERENCE TEST REPORT: FTL-1536

1070 TECHNOLOGY DRIVE
NOKOMIS, FL 34275
P.O. BOX 1529
NOKOMIS, FL 34274

Rev'd By: FK	Date: 4/16/02	Revisions: ADD H.S. & TEMP. OPT.
Rev'd By: FK	Date: 1/4/01	Revisions:
Drawn By: R.S.	Date: 11/27/96	

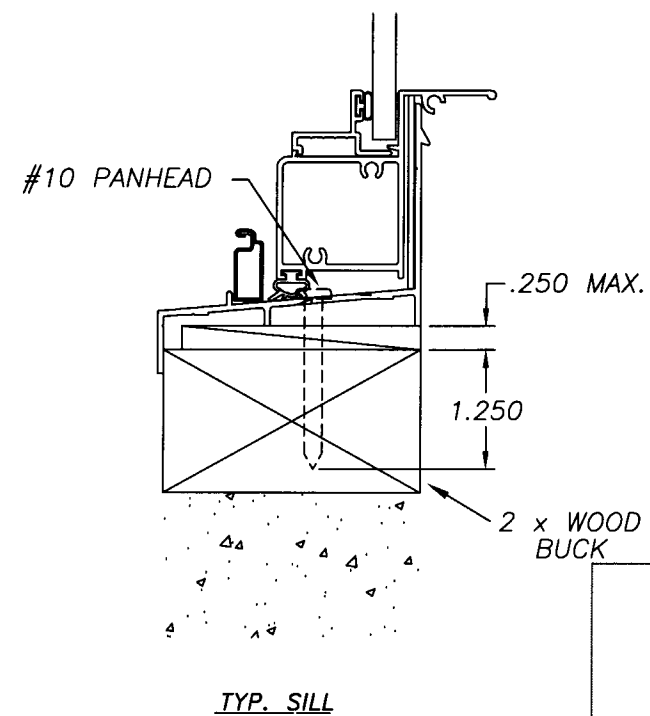
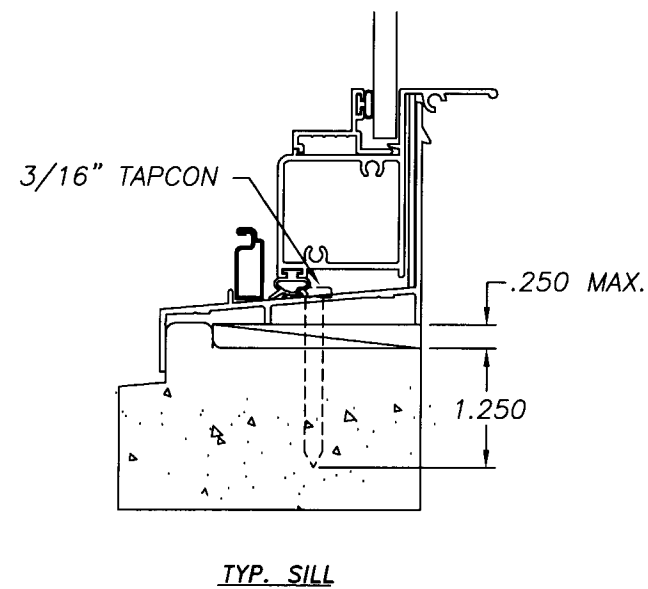
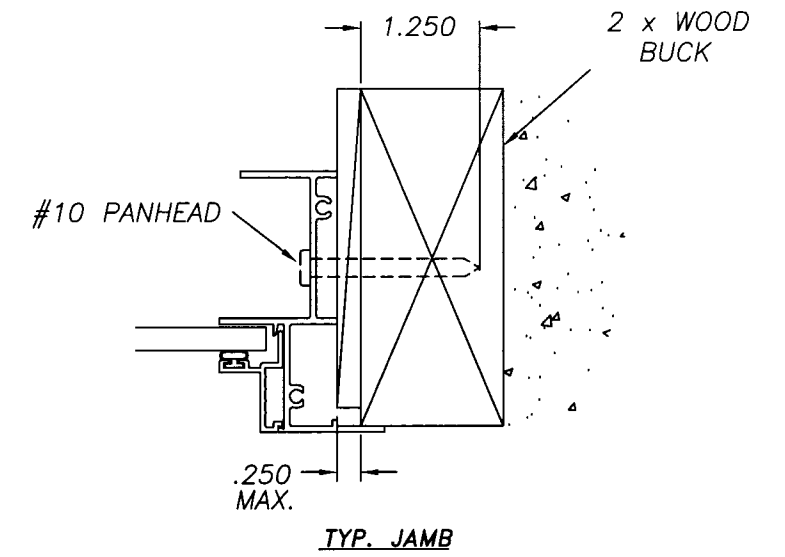
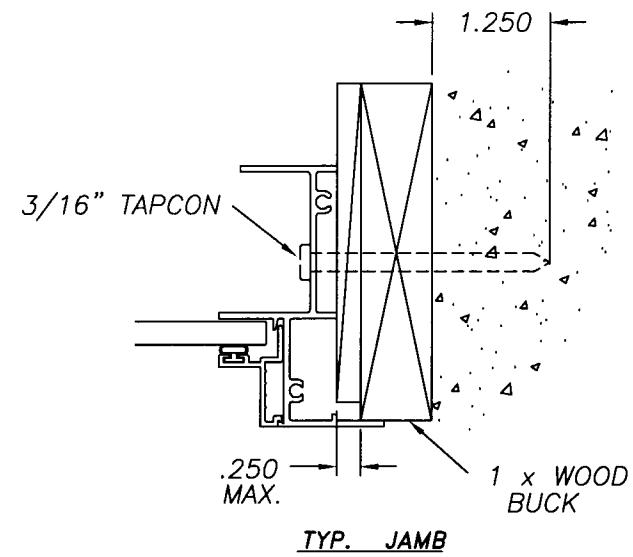
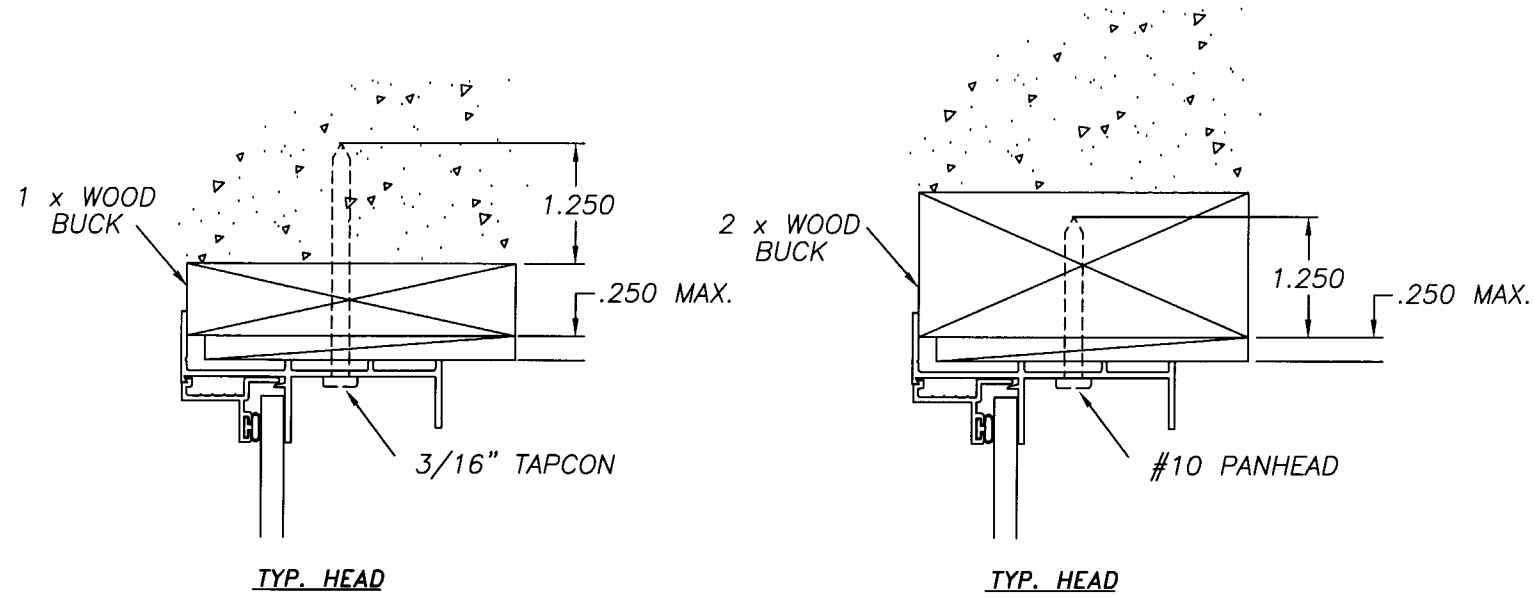
Description:
COMPARATIVE ANALYSIS, NON-IMPACT 3/16

Title:
ALUMINUM SINGLE HUNG WINDOW

Series/Model: SH-701	Scale: NTS	Sheet: 5 of 8	Drawing No. 4032	Rev: D
----------------------	------------	---------------	------------------	--------

PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No. 02-0419.13
Expiration Date February 25, 2006

By:
Miami Dade Product Control
Division



R. S. 4/17/02

PGT
INDUSTRIES

1070 TECHNOLOGY DRIVE
NOKOMIS, FL 34275
P.O. BOX 1529
NOKOMIS, FL 34274

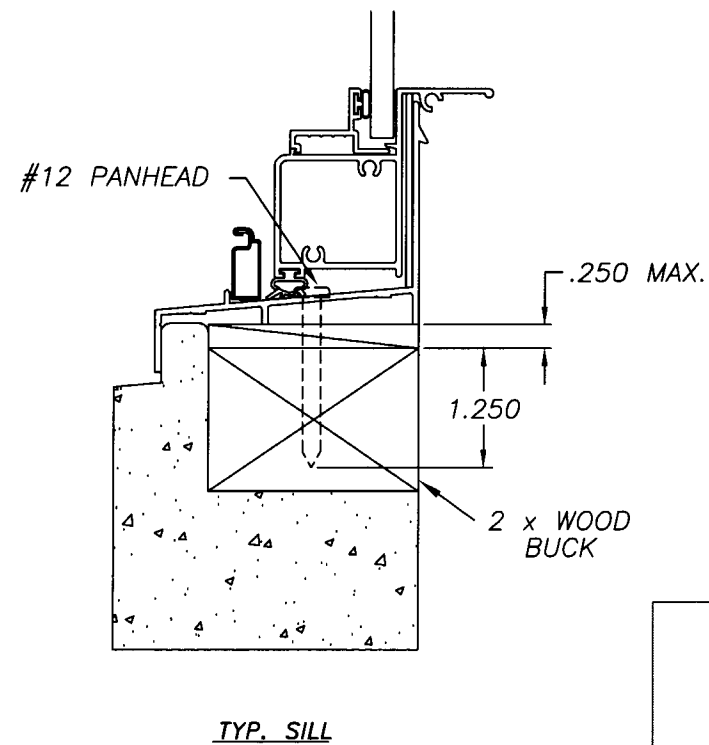
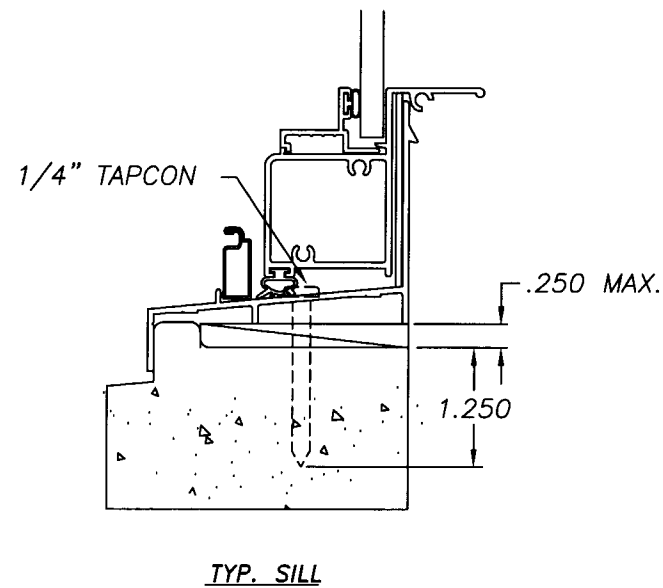
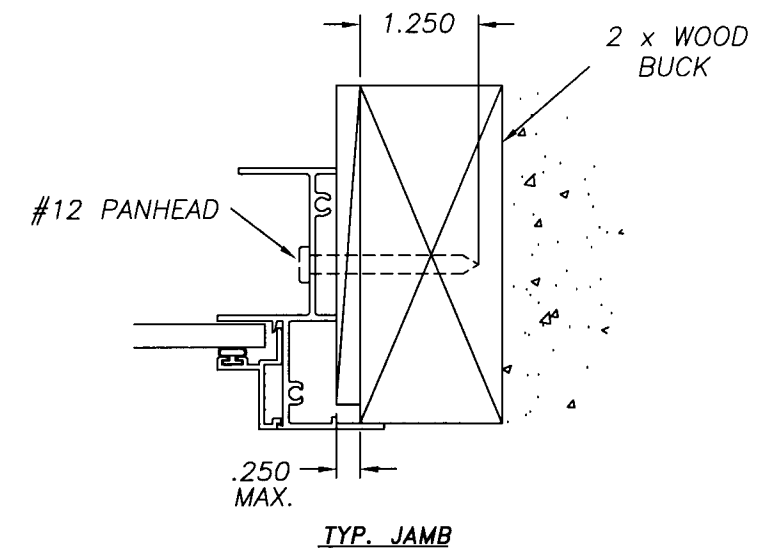
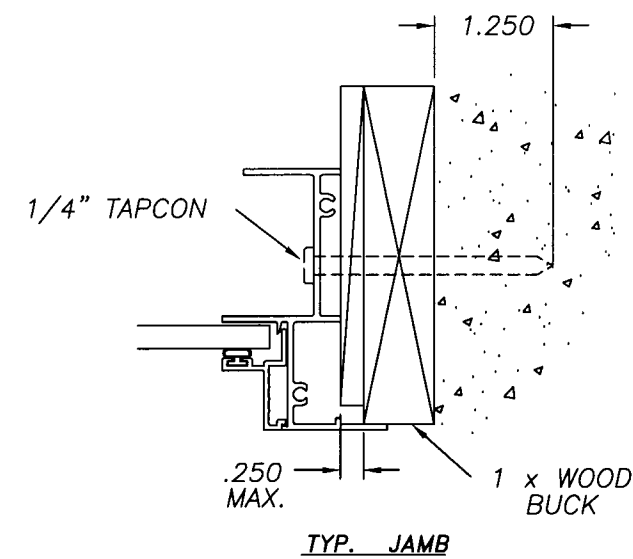
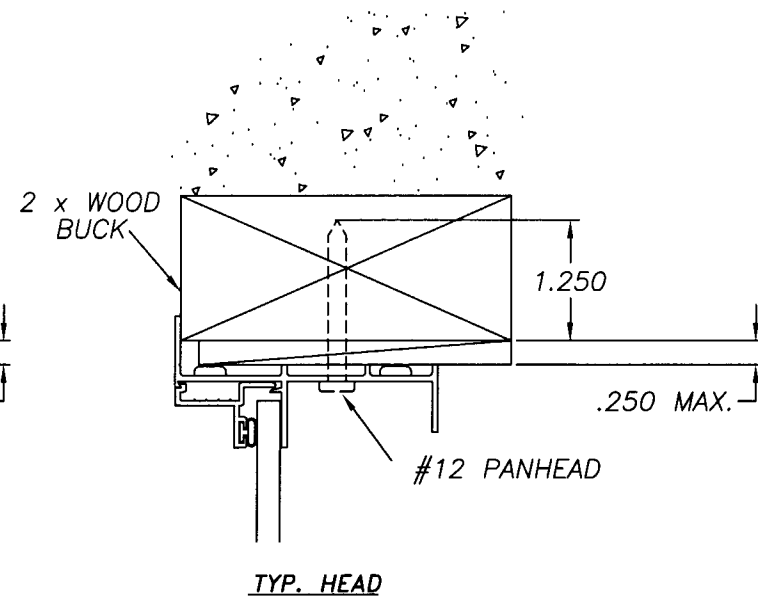
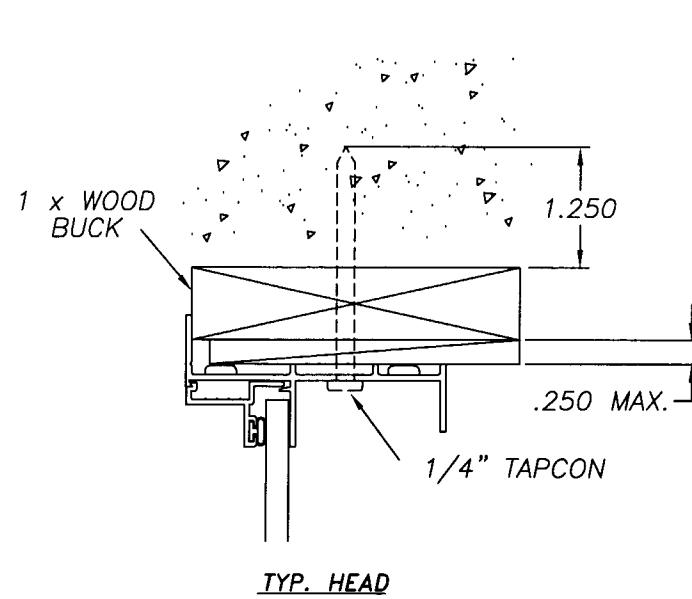
Revsd By: FK	Date: 4/16/02	Revisions: ADD SENTRY GLASS C.A.
Revsd By: FK	Date: 1/4/01	Revisions:
Drawn By: R.S.	Date: 11/27/96	

Description:
ANCHORAGE, 3/16 TAPCON OR #10 WOOD SCREW

Title:
ALUMINUM SINGLE HUNG WINDOW

Series/Model: SH-701	Scale: NTS	Sheet: 6 of 8	Drawing No. 4032	Rev: D
-------------------------	---------------	------------------	---------------------	-----------

PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No. 02-0419-13
Expiration Date February 25, 2006
By *[Signature]*
Miami Dade Product Control
Division



Handwritten signature and date: 4/17/02

PGT
INDUSTRIES

1070 TECHNOLOGY DRIVE
NOKOMIS, FL 34275
P.O. BOX 1529
NOKOMIS, FL 34274

Revsd By: FK	Date: 4/16/02	Revisions: ADD SENTRY GLASS C.A
Revsd By: FK	Date: 1/4/01	Revisions:
Drawn By: R.S.	Date: 11/27/96	

Description:
ANCHORAGE, 1/4 TAPCON OR #12 WOOD SCREW

Title:
ALUMINUM SINGLE HUNG WINDOW

Series/Model: SH-701	Scale: NTS	Sheet: 7 of 8	Drawing No. 4032	Rev: D
-------------------------	---------------	------------------	---------------------	-----------

PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No 02-041 R.13
Expiration Date February 25, 2006
By *[Signature]*
Miami Dade Product Control
Division

COMPARATIVE ANALYSIS FOR: GLASS: 1/4" TEMPERED
MAX. SIZE
53.125 x 76.000
Smallest Fasteners

NOTES: 1.) Numbers in () parentheses are quantity of anchors per side.
2.) Negative Design Loads based on Comparative Analysis and Glass Table ASTM E1300.
3.) Positive Design Loads based on Comparative Analysis and Water Test Pressure.
4.) Numbers are for #10 screws or 3/16" Tapcons.
5.) (2) Anchors 4" apart, 4" from each side of meeting rail are required. (Total of 4 anchors at each meeting rail)
Anchors 6" from each corner and as follows:
Max. spacing at head & sill = 14"
Max. spacing at jambs = 14"

Window Width	Window Height									
	26.000 (12)		38.375 (12)		50.625 (12)		63.000 (16)		76.000 (16)	
	neg	pos	neg	pos	neg	pos	neg	pos	neg	pos
19.125 (4)	-190.0	70.0	-190.0	70.0	-190.0	70.0	-154.9	70.0	-119.5	70.0
24.000 (4)	-190.0	70.0	-190.0	70.0	-190.0	70.0	-138.8	70.0	-104.1	70.0
26.500 (6)	-190.0	70.0	-190.0	70.0	-190.0	70.0	-134.4	70.0	-99.1	70.0
32.000 (6)	-190.0	70.0	-190.0	70.0	-190.0	70.0	-131.0	70.0	-92.3	70.0
37.000 (6)	-190.0	70.0	-190.0	70.0	-189.4	70.0	-131.0	70.0	-90.1	70.0
40.000 (8)	-190.0	70.0	-190.0	70.0	-168.6	70.0	-131.0	70.0	-90.0	70.0
44.000 (8)	-190.0	70.0	-176.8	70.0	-147.1	70.0	-131.0	70.0	-90.0	70.0
48.000 (8)	-190.0	70.0	-158.4	70.0	-130.5	70.0	-114.9	70.0	-90.0	70.0
53.125 (8)	-190.0	70.0	-139.7	70.0	-113.9	70.0	-99.1	70.0	-90.0	70.0

COMPARATIVE ANALYSIS FOR: GLASS: 1/4" TEMPERED
MAX. SIZE
53.125 x 76.000
Larger Fasteners

NOTES: 1.) Numbers in () parentheses are quantity of anchors per side.
2.) Negative Design Loads based on Comparative Analysis and Glass Table ASTM E1300.
3.) Positive Design Loads based on Comparative Analysis and Water Test Pressure.
4.) Numbers are for #12 screws or 1/4" Tapcons.
5.) (1) Anchors 4" on each side of meeting rail is required. (Total of 2 anchors at each meeting rail)
Anchors 6" from each corner and as follows:
Max. spacing at head & sill = 14"
Max. spacing at jambs = 14"

Window Width	Window Height									
	26.000 (8)		38.375 (8)		50.625 (8)		63.000 (8)		76.000 (12)	
	neg	pos	neg	pos	neg	pos	neg	pos	neg	pos
19.125 (4)	-190.0	70.0	-190.0	70.0	-190.0	70.0	-154.9	70.0	-119.5	70.0
24.000 (4)	-190.0	70.0	-190.0	70.0	-190.0	70.0	-138.8	70.0	-104.1	70.0
26.500 (6)	-190.0	70.0	-190.0	70.0	-190.0	70.0	-134.4	70.0	-99.1	70.0
32.000 (6)	-190.0	70.0	-190.0	70.0	-190.0	70.0	-131.0	70.0	-92.3	70.0
37.000 (6)	-190.0	70.0	-190.0	70.0	-189.4	70.0	-131.0	70.0	-90.1	70.0
40.000 (8)	-190.0	70.0	-190.0	70.0	-168.6	70.0	-131.0	70.0	-90.0	70.0
44.000 (8)	-190.0	70.0	-176.8	70.0	-147.1	70.0	-131.0	70.0	-90.0	70.0
48.000 (8)	-190.0	70.0	-158.4	70.0	-130.5	70.0	-114.9	70.0	-90.0	70.0
53.125 (8)	-190.0	70.0	-139.7	70.0	-113.9	70.0	-99.1	70.0	-90.0	70.0

REFERENCE TEST REPORT: FTL-1533

R. J. Clark
4/11/02



1070 TECHNOLOGY DRIVE
NOKOMIS, FL 34275
P.O. BOX 1529
NOKOMIS, FL 34274

Revsd By:	Date:	Revisions:
FK	4/16/02	UPDATE COMP. ANAL.
Revsd By:	Date:	Revisions:
FK	1/4/01	
Drawn By:	Date:	
R.S.	11/27/96	

Description: COMPARATIVE ANALYSIS, NON-IMPACT 1/4T				
Title: ALUMINUM SINGLE HUNG WINDOW				
Series/Model:	Scale:	Sheet:	Drawing No.	Rev:
SH-701	NTS	8 of 8	4032	D

PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No 02-0419.13
Expiration Date February 25, 2006
By *[Signature]*
Miami Dade Product Control
Division